

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Abram Katz et al.

Art Unit :

Serial No. :

Examiner :

Filed : June 25, 2003

Title : METHODS FOR IDENTIFYING GLUCOSE UPTAKE MODULATORS

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicants submit the references listed on the attached form PTO-1449, copies of which are enclosed. A copy of a communication from a foreign patent office in a counterpart application is also enclosed. The Communication is dated February 17, 2003.

This statement is being filed with the application. Please apply any charges or credits to Deposit Account No. 06-1050, referencing Attorney Docket No. 13425-115001.

Respectfully submitted,

Date: _____

June 25, 2003

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Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 13425-115001	Application No.
	Applicant Abram Katz et al.			
	Filing Date June 25, 2003		Group Art Unit	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AA	WO 98/08979	5 March 1998	WIPO				
	AB	WO 00/40614	13 July 2000	WIPO				

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AC	Brozinik et al., "1-[N,O-Bis-(5-isoquinolinesulphonyl)-N-methyl-L-Tyrosyl]-4-phenylpiperazine (KN-62), an Inhibitor of Calcium-Dependent Camodulin Protein Kinase II, Inhibits Both Insulin- and Hypoxia-Stimulated Glucose Transport in Skeletal Muscle" <i>Biochemical Journal</i> 339: Part 3; 533-540 (1999)
	AD	Bruton et al., "Insulin Increases Near-Membrane but not Global Ca^{2+} in Isolated Skeletal Muscle" <i>Proc. Natl. Acad. Sci. USA</i> 96: 3281-3286 (1999)
	AE	Bruton et al., "The role of Ca^{2+} and Calmodulin in Insulin Signalling in Mammalian Skeletal Muscle" <i>Acta Physiol. Scand.</i> 171: 259-265 (2001)
	AF	Cheung et al., "Cytosolic Free Calcium Concentration and Glucose Transport in Isolated Cardiac Myocytes" <i>The American Physiological Society</i> 252: 163-172 (1987)
	AG	Clausen, "The Role of Calcium in the Activation of the Glucose Transport System" <i>Cell Calcium</i> 1: 311-325 (1980)
	AH	Draznin et al., "The Existence of an Optimal Range of Cytosolic Free Calcium for Insulin-Stimulated Glucose Transport in Rat Adipocytes" <i>The Journal of Biological Chemistry</i> 262: 14385-14388 (1987)
	AI	Kelly et al., "Cytosolic Free Calcium in Adipocytes" <i>The Journal of Biological Chemistry</i> 264: 12754-12757 (1989)
	AJ	Klip et al., "Cytoplasmic Ca^{2+} During Differentiation of 3T3-L1 Adipocytes" <i>The Journal of Biological Chemistry</i> 262: 9141-9146 (1987)
	AK	Kurebayashi et al., "Depletion of Ca^{2+} in the Sarcoplasmic Reticulum Stimulates Ca^{2+} Entry into Mouse Skeletal Muscle Fibres" <i>Journal of Physiology</i> 533: 185-199 (2001)
	AL	Lee et al., "Effects of Ca^{2+} Ionophore Ionomycin on Insulin-Stimulated and Basal Glucose Transport in Muscle" <i>The American Physiological Society</i> 268: R997-R1002 (1995)
	AM	Putney et al., "Mechanisms of Capacitative Calcium Entry" <i>Journal of Cell Science</i> 114: 2223-2229 (2001)
	AN	Ryder et al., "Intracellular Mechanisms Underlying Increases in Glucose Uptake in Response to Insulin or Exercise in Skeletal Muscle" <i>Acta Physiol. Scand.</i> 171: 249-257 (2001)
	AO	Shashkin et al., "Effects of CGS 9343B (a Putative Calmodulin Antagonist) on Isolated Skeletal Muscle" <i>The Journal of Biological Chemistry</i> 270: 25613-25618 (1995)
	AP	Whitehead et al., "The Role of Ca^{2+} in Insulin-Stimulated Glucose Transport in 3T3-L1 Cells" <i>The Journal of Biological Chemistry</i> 276: 27816-27824 (2001)

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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		Filing Date June 25, 2003	Group Art Unit

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AQ	Youn et al., "Interactions Between Effects of W-7, Insulin, and Hypoxia on Glucose Transport in Skeletal Muscle" <i>The American Journal of Physiology</i> 267: R888-R894 (1994)

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